

Appl. No. : 09/786,100
Filed : May 21, 2001

IN THE CLAIMS:

Please cancel Claim 2. Please amend Claims 1 and 3-4 as follows:

1. An optical fiber cord which is a single core optical fiber cord having an outer diameter of 1.2mm or less, and has a structure in which an optical fiber core wire having a resin coating is provided at the center, a tensile-strength-fiber layer is provided around the outer periphery of the optical fiber core wire, and a coating layer is further provided around the outer periphery of the tensile-strength-fiber layer,

wherein the coating layer is composed of a non-halogen fire-retardant resin, and

wherein the coating layer is formed by a composition in which 18-60 parts by mass of ammonium polyphosphate is blended with 100 parts by mass of a resin component containing at least one selected from the group consisting of polyamide-series thermoplastic resins, polyamide elastomer-series thermoplastic resins and polyester elastomer-series thermoplastic resins.

3. The optical fiber cord as claimed in Claim 1, wherein the ammonium polyphosphate is one that has been surface-treated.

4. An optical fiber cord which is a single core optical fiber cord having an outer diameter of 1.2mm or less, and has a structure in which an optical fiber core wire having a resin coating is provided at the center, a tensile-strength-fiber layer is provided around the outer periphery of the optical fiber core wire, and a coating layer is further provided around the outer periphery of the tensile-strength-fiber layer,

wherein the coating layer is composed of a non-halogen fire-retardant resin, and

wherein the coating layer is formed by a composition in which 18-60 parts by mass of a fire retardant, which consists of ammonium polyphosphate and a nitrogen-containing compound, is blended with 100 parts by mass of a resin component containing at least one selected from the group consisting of polyamide-series thermoplastic resins, polyamide elastomer-series thermoplastic resins and polyester elastomer-series thermoplastic resins.

Please add the following new claim:

9. The optical fiber cord as claimed in Claim 4, wherein the bending modulus of the resin component of the coating layer is 500 to 1,300 MPa.